

ABSTRACT

Apparatus and methods for providing Rendezvous point Interpiconet Scheduling (RIPS) in an ad hoc polling based communication infrastructure such as a Bluetooth system in which a PMP node (Participant in Multiple Piconet nodes) belongs to more than one piconet. The rendezvous (RV) points of a PMP node is defined based on information specific to the node, rather than being associated with the links between slave and master nodes. By defining RV points per PMP node rather than per link, the master node of a piconet in the RIPS system is aware of the RV points that its slave PMP nodes have in other piconets. This advantageously allows a master node in the RIPS system to know when its slave nodes will be present in the piconet and when they will not be present.

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